Meritxell Jodar

List of Publications by Year
in descending order

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32 papers	1,463 citations	516561 16 h-index	526166 27 g-index
34 all docs	34 docs citations	34 times ranked	1431 citing authors

#	Article	IF	Citations
1	The presence, role and clinical use of spermatozoal RNAs. Human Reproduction Update, 2013, 19, 604-624.	5.2	320
2	Absence of sperm RNA elements correlates with idiopathic male infertility. Science Translational Medicine, 2015, 7, 295re6.	5.8	133
3	Semen proteomics and male infertility. Journal of Proteomics, 2017, 162, 125-134.	1.2	131
4	The contribution of human sperm proteins to the development and epigenome of the preimplantation embryo. Human Reproduction Update, 2018, 24, 535-555.	5.2	131
5	The protein and transcript profiles of human semen. Cell and Tissue Research, 2016, 363, 85-96.	1.5	104
6	Differential RNAs in the sperm cells of asthenozoospermic patients. Human Reproduction, 2012, 27, 1431-1438.	0.4	101
7	The small RNA content of human sperm reveals pseudogene-derived piRNAs complementary to protein-coding genes. Rna, 2015, 21, 1085-1095.	1.6	83
8	Chromatin and extracellular vesicle associated sperm RNAs. Nucleic Acids Research, 2015, 43, 6847-6859.	6.5	73
9	Sperm and seminal plasma RNAs: what roles do they play beyond fertilization?. Reproduction, 2019, 158, R113-R123.	1.1	49
10	Polymorphisms, haplotypes and mutations in the protamine 1 and 2 genes. Journal of Developmental and Physical Disabilities, 2011, 34, 470-485.	3.6	41
11	Protamine Alterations in Human Spermatozoa. Advances in Experimental Medicine and Biology, 2014, 791, 83-102.	0.8	41
12	Proteomic Changes in Human Sperm During Sequential in vitro Capacitation and Acrosome Reaction. Frontiers in Cell and Developmental Biology, 2019, 7, 295.	1.8	34
13	Sperm acquire epididymis-derived proteins through epididymosomes. Human Reproduction, 2022, 37, 651-668.	0.4	34
14	Stable-protein Pair Analysis as A Novel Strategy to Identify Proteomic Signatures: Application To Seminal Plasma From Infertile Patients. Molecular and Cellular Proteomics, 2019, 18, S77-S90.	2.5	30
15	Mammalian Sperm Protamine Extraction and Analysis: A Step-By-Step Detailed Protocol and Brief Review of Protamine Alterations. Protein and Peptide Letters, 2018, 25, 424-433.	0.4	22
16	Nuclease Footprints in Sperm Project Past and Future Chromatin Regulatory Events. Scientific Reports, 2016, 6, 25864.	1.6	20
17	Characterization of Human Sperm Protamine Proteoforms through a Combination of Top-Down and Bottom-Up Mass Spectrometry Approaches. Journal of Proteome Research, 2020, 19, 221-237.	1.8	16
18	The Role of Testosterone in Spermatogenesis: Lessons From Proteome Profiling of Human Spermatozoa in Testosterone Deficiency. Frontiers in Endocrinology, 2022, 13, .	1.5	15

#	Article	IF	Citations
19	Identification of a complex population of chromatin-associated proteins in the European sea bass (Dicentrarchus labrax) sperm. Systems Biology in Reproductive Medicine, 2018, 64, 502-517.	1.0	12
20	Sperm Nucleoproteins (Histones and Protamines). , 2018, , 31-51.		12
21	Sperm proteomic changes associated with early embryo quality after ICSI. Reproductive BioMedicine Online, 2020, 40, 700-710.	1.1	11
22	Altered mitochondrial function in spermatozoa from patients with repetitive fertilization failure after ICSI revealed by proteomics. Andrology, 2021, 9, 1192-1204.	1.9	10
23	Response to Comment on â€œAbsence of sperm RNA elements correlates with idiopathic male infertilityâ€• Science Translational Medicine, 2016, 8, 353tr1.	5.8	9
24	â€œIn vitroâ€•Effect of Different Follicleâ€”Stimulating Hormone Preparations on Sertoli Cells: Toward a Personalized Treatment for Male Infertility. Frontiers in Endocrinology, 2020, 11, 401.	1.5	8
25	Protamine Characterization by Top-Down Proteomics: Boosting Proteoform Identification with DBSCAN. Proteomes, 2021, 9, 21.	1.7	7
26	The Influence of Environmental Contaminants and Lifestyle on Testicular Damage and Male Fertility. Methods in Pharmacology and Toxicology, 2014, , 185-203.	0.1	4
27	The Use of Sperm Proteomics in the Assisted Reproduction Laboratory. , 2017, , 233-244.		3
28	Histone H4 acetylation is dysregulated in active seminiferous tubules adjacent to testicular tumours. Human Reproduction, 2022, 37, 1712-1726.	0.4	3
29	Sperm RNA and Its Use as a Clinical Marker. , 2017, , 59-72.		2
30	Small RNAs Present in Semen and Their Role in Reproduction. , 2018, , 109-123.		2
31	Regulation of HBEGF by Micro-RNA for Survival of Developing Human Trophoblast Cells. PLoS ONE, 2016, 11, e0163913.	1.1	2
32	SAT-035 In Vitro Effect of Different Follicle-Stimulating Hormone Preparations on Sertoli Cells. Journal of the Endocrine Society, 2020, 4, .	0.1	0